Seat No.:	Enrolment No.
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GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER - VI (NEW). EXAMINATION - WINTER 2016

Subject Code: 2162201 Subject Name: Ecology Geology-I			
T	ime	: 10:30 AM to 01:00 PM Total Marks: 70 etions:	
		 Attempt all questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks. 	
Q.1	(a) (b)	Classify mineral deposit processes. Write a note on ore and gauge minerals.	07 07
Q.2	(a) (b)	Write about the hydrothermal process of mineral deposits. Write a brief note on role of intrusive rocks in economic mineralogy. OR	07 07
	(b)	Explain the types of hydrothermal deposits.	07
Q.3	(a) (b)	Write a short not Cement industry of Gujarat. What is the importance of minerals in national economy? OR	07 07
Q.3	(a) (b)	Describe the relation between volcanogenic process and economic mineral deposits. Explain refractory minerals.	07 07
Q.4	(a) (b)	What are the abrasives? Give natural abrasive mineral. Write a note on types of pegmatite. OR	07 07
Q.4	(a) (b)	Write a note on mineral forming processes in Igneous rocks. What are the major and minor fertilizer minerals?	07 07
Q.5	(a) (b)	Explain the origin and nature of hydrothermal solutions. Write a short note on Xenothermal deposits. OR	07 07
Q.5	(a) (b)	Write a note on fissure vein and saddle reefs. Which are important gemstones? Explain the origin and mode of occurrence of Diamond in India.	07 07
